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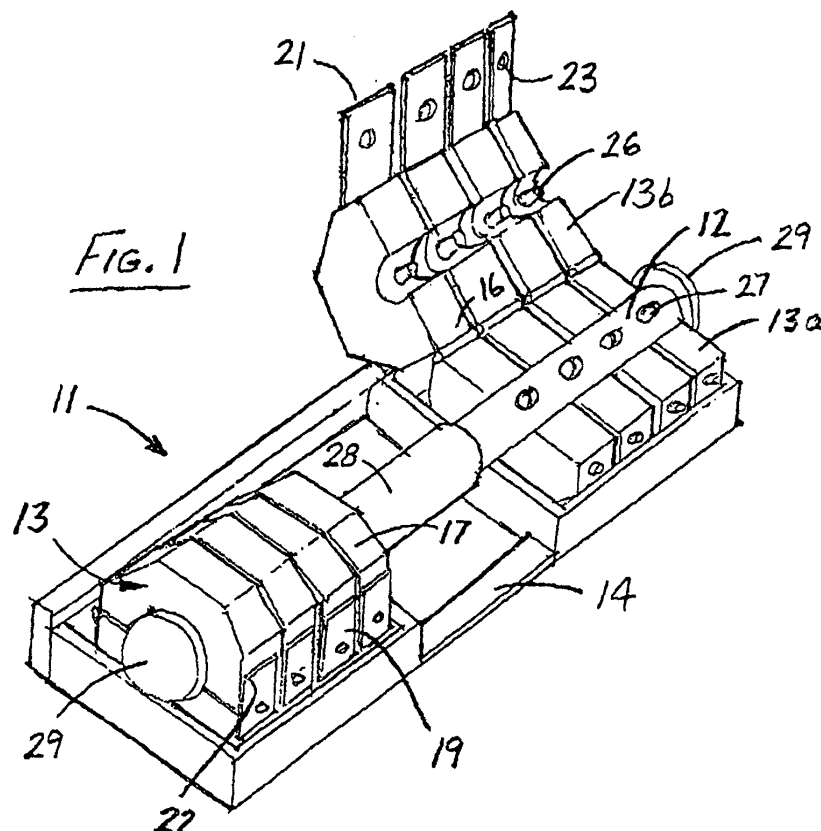
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(54) **Adjustable dumbbell/barbell**

(57) Dumbbell/barbell with a bar and a plurality of weights mounted on the bar, with the bar passing

through openings in the weights and each of the weights being formed in sections which are hinged together and can be separated for disengagement from the bar.



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EUROPEAN SEARCH REPORT

Application Number
EP 02 25 0281

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 4 971 318 A (TRACY JAMES W) 20 November 1990 (1990-11-20)	1-3,8,12	A63B21/072
Y	* the whole document *	4-7, 9-11, 13-15	

D,Y	US 5 839 997 A (ROTH MARK R ET AL) 24 November 1998 (1998-11-24)	4,6,7,9, 10,13,15	
	* figures 3,9,10 *		

Y	US 4 982 957 A (SHIELDS WILLIAM D) 8 January 1991 (1991-01-08)	5,11,14	
A	* column 4, line 66 - column 5, line 13; figure 2 *	7	

X	US 5 749 814 A (CHEN CHAO-YUEH) 12 May 1998 (1998-05-12)	1,3,8,12	
	* the whole document *		

			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			A63B
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 10 October 2003	Examiner Squeri, M
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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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10-10-2003

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4971318	A	20-11-1990	NONE	
US 5839997	A	24-11-1998	NONE	
US 4982957	A	08-01-1991	NONE	
US 5749814	A	12-05-1998	NONE	

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82